

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Hubert Spreitzer et al.

Application No.: 10/553,534

Confirmation No.: 4132

Filed: November 29, 2005

Art Unit: 1796

For: METHOD FOR CONTROLLING THE  
MOLECULAR WEIGHT DURING  
POLY(ARYLENE VINYLENE) SYNTHESIS,  
AND POLYMERS PRODUCED THEREWITH

Examiner: L. J. Heincer

**SECOND AMENDMENT AFTER FINAL ACTION UNDER 37 C.F.R. 1.116**

MS AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**INTRODUCTORY COMMENTS**

In response to the Office Action dated September 21, 2009, finally rejecting claims 1-6, 8 and 9, please amend the above-identified U.S. patent application as follows:

**Amendments to the Specification** begin on page 2 of this paper

**Amendment to the Claims** are reflected in the listing of claims which begins on page 3 of this paper.

**Remarks/Arguments** begin on page 8 of this paper.